



10-08-04

RCE *SPW*

Attorney Docket No.: AM-6180.Y1

U.S. Express Mail No. ED205863153US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Edwin Charles Weldon et al.

Serial No.: 10/027,683

Filed: December 21, 2001

Title: METHODS OF ROUGHENING  
A CERAMIC SURFACE

§ Group Art Unit: 1753  
§  
§ Examiner: R. G. McDonald  
§  
§ Attorney Docket No.:  
§ AM-6180.Y1  
§

Date: October 7, 2004

REQUEST FOR CONTINUED EXAMINATION UNDER 37 CFR § 1.114

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This Request for Continued Examination under 37 CFR § 1.114 is being submitted in response to the final Office Action mailed June 25, 2004, having a shortened statutory period of response of September 25, 2004, and to the Advisory Action mailed September 14, 2004. This Request for Continued Examination is accompanied by a Petition for a One Month Extension of Time, to extend the period for response through October 25, 2004.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper and any documents said to accompany this paper are being deposited with the United States Postal Service on the date shown below with sufficient postage as U.S. Express Mail No. ED205863153US, in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Date: October 7, 2004

*Shirley L. Church*  
Shirley L. Church, Reg. No. 31,858

10/12/2004 SSITHIB1 00000099 501074 10027683  
02 FC:1801 790.00 DA

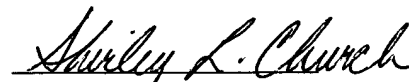
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Applicants' Amendment "B" was submitted to Examiner McDonald on August 25, 2004. In an Advisory Action mailed September 14, 2004, the Examiner indicated that applicants' previously submitted Amendment "B" would not be entered, as it raised new issues that would require further consideration and/or search, and it was not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal. In response, applicants are submitting this Request for Continued Examination and an Amendment "C".

Applicants have authorized the Commissioner to charge the fees due for filing the present Request for Continued Examination in the Transmittal Letter which accompanies this Request.

Respectfully Submitted,



Shirley L. Church  
Registration No. 31,858  
Attorney for Applicants  
(650) 473-9700

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450 A  
Santa Clara, CA



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Edwin Charles Weldon et al.

SERIAL NO.: 10/027,683

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FOR: METHODS OF ROUGHENING  
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§ GROUP ART UNIT: 1753  
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§ EXAMINER: R. G. McDonald  
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§ Attorney Docket No.:  
§ AM-6180.Y1

Date: October 7, 2004

**REQUEST FOR CONTINUED EXAMINATION UNDER 37 CFR § 1.114  
TRANSMITTAL LETTER**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

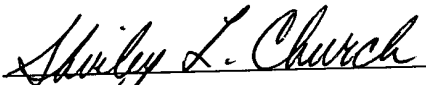
Transmitted herewith is applicants' Request for Continued Examination under 37 CFR § 1.114. This Request for Continued Examination is being submitted in response to the final Office Action mailed June 25, 2004, having a shortened statutory period for response of September 25, 2004, and to the Advisory Action mailed September 14, 2004. This Request for Continued Examination is accompanied by a Petition for a One Month Extension of Time, in order to extend the period for response through October 25, 2004.

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

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Date: October 7, 2004

  
Shirley L. Church, Reg. No. 31,858

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**CLAIMS AS AMENDED**

	<u>CLAIMS REMAINING AFTER AMENDMENT</u>		<u>INCLUDED WITH BASIC FEE</u>	<u>PRESENT EXTRA</u>		<u>RATE</u>	<u>ADDITIONAL FEE</u>
TOTAL CLAIMS	16	minus	20	26	x	\$ 18.00	\$ 00.00
INDEPENDENT CLAIMS	2	minus	3	3	x	\$ 88.00	\$ 00.00
MULTIPLE DEPENDENT CLAIMS (if first presented)			0			\$ 300.00	\$ 00.00
REQUEST FOR CONTINUED EXAMINATION FEE							\$ 790.00
ONE MONTH EXTENSION OF TIME							\$ 110.00
						TOTAL FEE DUE	\$ 900.00

Also submitted herewith is applicants' Amendment "C", in response to the final Office Action mailed June 25, 2004.

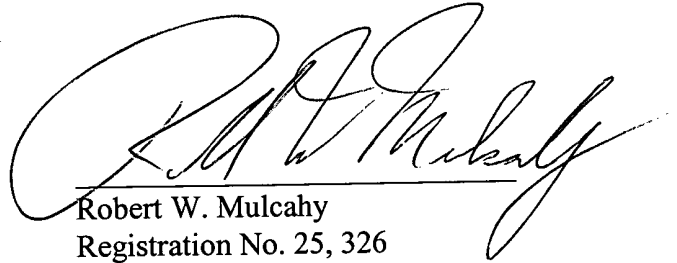
The Commissioner is hereby authorized to charge the amount of \$ 900.00, in payment of the fee of \$ 790.00 under 37 CFR § 1.17(e) for filing of a Request for Continued Examination, the fee of \$ 110.00 for a one month extension of time, as well as any additional fees which may be due, and to credit any overpayment, to Deposit Account 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Attorney Docket No. AM-6180.Y1

U.S. Express Mail No ED205863153 US

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "R. W. Mulcahy", written over a horizontal line.

Robert W. Mulcahy  
Registration No. 25, 326  
Attorney for Applicants

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, California 95052

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



RE APPLICATION OF: Edwin Charles Weldon et al.

SERIAL NO.: 10/027,683

FILED: December 21, 2001

FOR: METHODS OF ROUGHENING  
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§  
§ EXAMINER: R. G. McDonald

§  
§  
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§ Attorney Docket No.:  
§ AM-6180.Y1

Date: October 7, 2004

**AMENDMENT "C"**

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:


This Amendment "C" is in response to the Advisory Action mailed September 14, 2004.  
This Amendment "C" is being submitted with a Request for Continued Examination under 37 CFR § 1.114.

Claims 1 - 23, 26 - 34 and 37 - 43 are pending in the application, with Claims 1 - 21 being withdrawn under a restriction requirement.

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

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Shirley L. Church, Reg. No. 31,858

The Examiner has requested that Claims 1 - 21, which are withdrawn under a Restriction Requirement without traverse, be cancelled.

Claims 22, 23, and 26 - 32 are rejected under 35 USC § 103(a) as being unpatentable over O'Donnell et al. in view of Singh.

Claims 33, 34, and 37 - 43 are rejected under 35 USC § 103(a) as being unpatentable over O'Donnell et al., in view of Singh, and further in view of Hong et al.